

EPA Registration No.
6959-33
Vol. 3



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 18 2012

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Ms. Sharon M. Johnston
Agent for Cessco, Inc.
RegGuide
509 Tower Valley Drive
Hillsboro, MO 63050

Subject: Amended Reregistration Label A.C. Southern Spray- Tox Insecticide
D411785 and D410535
EPA Registration No. 6959-33

Dear Ms. Johnston:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the referenced product in connection with the **Pyrethrins and Piperonyl butoxide RED**, and has concluded that your submission is acceptable.

PLEASE NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

PLEASE NOTE: That the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSF's are superseded.

- Basic CSF, dated: April 8, 2010

A copy of your label stamped Acceptable is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Linda A. DeLuise at (703) 305-5428 or via e-mail at deluise.linda@epa.gov or Mr. Richard J. Gebken at (703) 305-6701 or via e-mail at Gebken.Richard@epa.gov.

Sincerely yours,

A handwritten signature in black ink, appearing to be "Richard Gebken", is written over a horizontal line.

Richard Gebken
Product Manager 10
Insecticide Branch
Registration Division (7505P)

Enclosure: Label stamped Accepted dated: April 18, 2012

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EPA SAL: 01-26-2012

Revised per EPA letter dated March 13, 2012

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CESSCO A.C. SOUTHERN SPRAY-TOX INSECTICIDE

- **SPRAY-TOX** is an effective ready-to-use Pyrethrins Insecticide for application with specialized mechanical, thermal or compressed air fogging equipment that can be adjusted to deliver a true aerosol mist.
- **SPRAY-TOX** is formulated for use in bakeries, food plants, restaurants, hotels, motels, hospitals, schools, office buildings, warehouses, dairies, milk rooms, horse barns, meat packing plants, boats, flour mills, food processing & handling plants, food storage warehouses and other listed sites.

ACTIVE INGREDIENTS:

Pyrethrins..... 0.3%

Piperonyl Butoxide*..... 1.5%

OTHER INGREDIENTS**..... 98.2%

100.0%

*(butylcarbityl)(6-propylpiperonyl) ether and related compounds.

**Contains petroleum distillate, xylene or xylene range aromatic solvent.

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KEEP OUT OF REACH OF CHILDREN

CAUTION

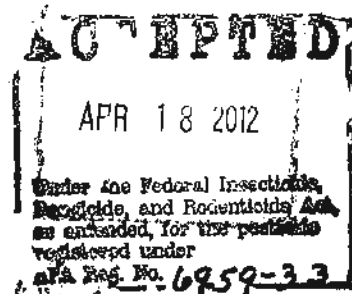
See Side/Back Panel For Additional Precautions

NET CONTENTS:

MANUFACTURED BY:

CESSCO, INC.
3609-A River Road
Johns Island, SC 29455

1-800-476-3666



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FIRST AID	
If Swallowed:	<ul style="list-style-type: none">• Immediately call a poison control center or doctor.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give any liquid to the person.• Do not give anything by mouth to an unconscious person.
If In Eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-222-1222, twenty-four (24) hours per day, seven (7) days per week.	
NOTE TO PHYSICIAN	
Contains petroleum distillate - vomiting may cause aspiration pneumonia.	

PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals

CAUTION: Contains petroleum distillates. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE):

Mixers, loaders, applicators and other handlers must wear the following:

- Long-sleeve shirt
- Long pants
- Shoes and socks

In addition to the above PPE, applicators using hand held foggers in an enclosed area must wear a half-face, full-face or hood-style NIOSH-approved respirator with:

- A dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C), or
- A canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or
- A cartridge or canister with any R,P or HE filter.

User Safety Requirements:

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with this product. Do not reuse them.

User Safety Recommendations:

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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Environmental Hazards

[For containers greater than 5 gallons]

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Physical and Chemical Hazards

Store containers upright. Do not use or store near heat or open flame. Avoid exposure to extreme temperatures. Do not apply this product in or on electrical equipment due to the possibility of a shock hazard.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

USE RESTRICTIONS:

- Apply this product only as specified on this label.
- Do not contaminate food or feedstuffs.
- Do not use in aircraft cabins.
- Entry Restrictions:
 - For surface spray, do not enter or allow others to enter until sprays have dried.
 - For space spray, except when applying with an automatic space spray system, do not allow others to enter until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated.
- **Except when applying with an automatic space spray system**, do not remain in treated area. Exit area immediately and remain outside the treated area until sprays have dispersed.
- **Except when applying with an automatic space spray system**, do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the treated area during application.
- Remove or cover exposed food (except when applying to post-harvest commodities) and drinking water before application. Remove or cover dishes, utensils, food contact surfaces of food processing equipment and food preparation surfaces or wash them before use.
- For indoor food handling/processing facilities: Do not make space spray applications when facility is in operation. Except when applying to post-harvest commodities, prior to space spray applications, cover or remove food. Prior to space spray applications, cover food processing surfaces or clean after treatment and before use. Do not apply more than 1 time per day.
- **For automatic space spray systems**: Not for use in residential areas. Do not use in nurseries or rooms where infants, ill or aged persons are confined. Except when applying to post harvest commodities, do not place nozzles directly over or within 8 feet of exposed food, dishes, utensils, food contact surfaces of food processing equipment and food handling or preparation surfaces. Do not install within 3 feet of air vents. Carefully follow directions for the dispenser unit when installing the dispenser and replacing cans or when conducting maintenance.
- For indoor agricultural premises, commercial animal housing and equipment and direct application to non-domestic animals/livestock: Do not apply more than 1 time per day.
- For indoor misting systems used in barns, stables and animal quarters: Not for use in outdoor residential misting systems (indoor or outdoor). Do not apply when food, feed and/or water is present. When using this product, installers and service technicians must comply with the license, certification or registration requirements of the state(s), tribes(s), or local authority(ies) where they are installed. When applying via a remote activation device, do not apply when people and pets are present. If possible, when applying via automatic timer, set the timing for application when people and pets are unlikely to be present. Direct nozzles to spray towards the target area and away from areas where people are typically present. Do not use in an evaporative cooling system. Do not use in misters located within 3 feet of air vents, air conditioner units, or windows. If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label to the system reservoir tank in a weather protected area or plastic sleeve. If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve. This

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product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 2.9 oz. per 1000 cu. ft. per day.

- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before applications. Wash teats of animals before milking.
- **For post-harvest applications to vegetables:** Do not reapply within 7 days. Do not apply more than 10 times to sweet potatoes.
- **For food stored in bags:** Direct application to food contact surfaces is prohibited
- Remove pets, birds and cover fish aquariums before spraying.
- **In hospitals, NOT for use in automatic space spray systems.** Remove patients from room prior to treatment. Thoroughly ventilate room for at least 2 hours after application. Do not return patient to room until after ventilation.
- Do not wet articles to point of runoff or drip
- Do not use treated article until spray has dried.
- Dry clean treated clothes before wearing.

This ready-to-use concentrate may be dispersed through mechanical, thermal or compressed air fogging or spraying equipment. If used in food areas of meat, poultry, shell egg grading and egg product plants, this product must be dispersed as an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns).

INDOOR AREAS:

Auditoriums, bakeries, beverage plants, bottling plants, breweries, buildings, buses, cafeterias, canneries, coffee warehouses and processing plants, commercial buildings, communication centers, concession stands, dairies, day care centers*, delicatessens, department stores, diners, drug stores, dumpsters, dwellings, egg processing plants, factories, feed mills, flour mills, food processing and storage facilities, freight containers, fruit packing sheds, funeral parlors, garbage bins, garbage compactors, grain elevators, grain harvesting & handling equipment, garages, grain mills, granaries, grocery stores, homes, horse barns, hospitals*, hotels, indoor eating establishments, industrial installations, institutions, locker rooms, meat packing plants, milk rooms, motels, nursing homes*, office buildings, public buildings, parking garages, peanut warehouses & processing plants, public storage, railroad cars, recreational vehicles, restaurants, retail stores, rice mills, schools*, ship's holds, sports stadiums, stables, storage bins (areas), stored food in multi-walled paper or cloth bags, stores, supermarkets, textile mills & warehouses, theaters, tobacco factories & warehouses, trains, transportation equipment, trucks, trailers, warehouses & wineries.

*Use sites not approved for automatic space spray systems.

TO KILL THE FOLLOWING INSECTS:

Almond Moths, Angoumois Grain Moths, Ants, Black Fly, Boxelder Bugs, Brown Dog Ticks, Cadelles, Carpet Beetles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Cockroaches, Coffee Bean Weevils, Confused Flour Beetles, Crickets, Dark Mealworms, Darkling Beetles, Dermestid Beetles, Dried Fruit Beetle, Drugstore Beetles, Earwigs, Face Fly, Firebrats, Flat Grain Beetles, Fleas, Flies, Fruit Flies, Gnats, Grain Mites, Granary Weevils, Horn Flies, Hornets, Indian Meal Moths, Khapra Beetles, Lesser Grain Borers, Lesser Housefly, Mediterranean Flour Moths, Merchant Grain Beetle, Midges, Miller Moths, Millipedes, Mosquitoes, Flying Moths, Palmetto Bugs, Pillbugs, Red Flour Beetles, Rice Flour Beetles, Rusty Grain Beetles, Saw-Toothed Grain Beetle, Silverfish, Skipper Fly, Spiders, Spider Beetles, Stable Flies, Sowbugs, Ticks, Ticks That May Carry and Transmit Lyme disease, Tobacco Moths, Warehouse Beetles, Wasps, Waterbugs, Yellow Jackets, Yellow Mealworms.

AUTOMATIC SPACE SPRAY SYSTEMS: Use in automatic space spray systems to kill exposed accessible stages of: **Flies (including Fruit Flies), Mosquitoes, Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Clover Mites, Cheese Mites, Cheese Skippers, Boxelder Bugs, Earwigs, Ants** and the following common stored product pests: **Granary Weevils, Rice Weevils, Confused Flour Beetles, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Mealworms, Dark Mealworms, Grain Mites, Cadelles and Red Flour Beetles.** Close room and shut off all air conditioning or ventilating equipment. Set system to apply undiluted concentrate at a rate of 0.75 to 1.5 fluid ounce / 1000 cu. ft. of space. Close off and vacate treated areas for at least 30 minutes and thoroughly ventilate before reoccupying.

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SPACE TREATMENT: For use in aerosol generators to kill *House Flies, Stable Flies, Blow Flies, Fruit Flies, Mosquitoes, Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Boxelder Bugs, Bran Bugs, Earwigs, Ants, Ham & Cheese Mites, Cheese Skippers, Clover Mites, Flour Beetles, Foreign Grain Beetles, Granary Weevils, Rice Weevils, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Chocolate Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Mealworms, Dark Mealworms, Grain Mites & Cadelles*. Close all doors and windows and shut off ventilating systems. Apply as a fog or fine mist at a rate of 0.75 - 1.5 ounce per 1000 cubic feet of space. Direct spray towards ceiling in all directions and behind obstructions. Close off and vacate treated areas for at least 30 minutes and thoroughly ventilate before reoccupying.

CONTACT SPRAY: TO KILL *Cockroaches, Silverfish, Earwigs, Ants, Spiders*, use a mechanical aerosol generator or a fogger. Apply as a spot & crack & crevice treatment at 0.75 gallon / 1000 sq. ft. of surface area. Direct the spray into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harborage areas, walls, floors, underneath sinks, behind pipes and in all places that harbor insects to provide maximum penetration and impingement on the insects. Contact as many insects as possible.

CONTACT AND SPACE SPRAY: TO KILL *Cockroaches, Silverfish, Earwigs, Ants, Spiders*, use a mechanical aerosol generator or a fogger. First, apply as a spot & crack & crevice treatment at 0.75 gallon / 1000 sq. ft. of surface area. Direct the spray into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harborage areas, walls, floors, underneath sinks, behind pipes and in all places that harbor insects to provide maximum penetration and impingement on the insects. Contact as many insects as possible. Then treat as a space spray. Apply at a rate of 0.75 to 1.5 fluid ounce / 1000 cu. ft. of space. Close off and vacate treated areas for at least 30 minutes and thoroughly ventilate before reoccupying. Do not apply more than 1 time per day.

APPLICATIONS IN FOOD HANDLING ESTABLISHMENTS:

Auditoriums, bakeries, beverage plants, bottling plants, breweries, buildings, cafeterias, canneries, coffee warehouses and processing plants, concession stands, dairies, day care centers*, delicatessens, department stores, diners, dumpsters, egg processing plants, factories, feed mills, flour mills, food processing and storage facilities, freight containers, fruit packing sheds, grain elevators, grain harvesting & handling equipment, garages, grain mills, granaries, grocery stores, horse barns, hospitals*, hotels, indoor eating establishments, locker rooms, meat packing plants, milk rooms, motels, nursing homes*, office buildings, public buildings, peanut warehouses & processing plants, restaurants, retail stores, rice mills, schools*, ship's holds, sports stadiums, stables, storage bins (areas), stored food in multi-walled paper or cloth bags, supermarkets, theaters, tobacco factories & warehouses, trains, warehouses & wineries.

FOOD HANDLING ESTABLISHMENTS: A food handling establishment is an area or place other than a private residence in which food is held, processed, prepared, and/or served. Non-food areas of food handling establishments include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling). Food areas of food handling establishments include areas for receiving, serving, storage (dry, cold, frozen, raw), packaging (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage, enclosed processing systems (mills, dairies, edible oils, syrups).

*Use sites not approved for automatic space spray systems.

Treatment of Food Stored in Bags: To kill accessible adult stages of *Angoumois Grain Moths, Cadelles, Cheese Mites, Chocolate Moths, Cigarette Beetles, Cockroaches, Four Beetles, Flies, Fruit Flies, Gnats, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Saw-Toothed Grain Beetles, Silverfish, Foreign Grain Beetles*, and other listed pests, apply as a space spray at a rate of 1.5 ounce / 1000 cu. ft. of space. Fumigate or destroy infested stored products or treat by other effective methods using an approved product intended for this purpose. Direct application to food contact surfaces is prohibited.

Application to Bulk Post-Harvest Vegetables (Potato, Tomato, Pea, Sweet Potato). **Fruits** (Apple, Blackberry, Blueberry, Boysenberry, Cherry, Crabapple, Currant, Dewberry, Fig, Gooseberry, Grape, Guava, Loganberry, Mango, Muskmelon, Orange, Peach, Pear, Pineapple, Plum, Raspberry). **Nuts** (Almonds, Walnuts) and other **Commodities** (Copra and Peanut): To kill accessible stages of *Angoumois Grain Moths, Cadelles, Cheese Mites, Chocolate Moths, Cigarette Beetles, Cockroaches, Flour Beetles, Flies, Fruit Flies, Gnats, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Saw-Toothed Grain Beetles, Silverfish, Foreign Grain Beetles* and other listed insects. Apply as a surface application at a rate of 15.0 ounces / 1000 sq. ft. Also spray walls, floors and other surfaces, storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Or apply as a space spray at a rate of 1.5 ounce / 1000 cu. ft. of space by directing the spray toward the

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ceiling and upper corners of the area and behind any obstructions. Do not reapply within 7 days. Do not apply more than 10 times to sweet potatoes. Do not apply both surface and space sprays within the same 7-day period.

FOR CLOTHES MOTHS AND CARPET BEETLES: Clean and spray closets thoroughly to reach all hiding places. Clean and brush woolen articles. Repeat application every 30 days. When carpets are infested, spray both sides thoroughly. When spraying near fabrics, keep spray in constant motion, at least 36 inches away from fabrics. Spraying closer may cause stains.

FOR BED BUGS: Spray baseboards, moldings and floor boards. Spray mattresses and box springs. It will be necessary to dismantle the bed completely, thoroughly spraying each part, including mattress and box springs. All baseboards and wall cracks about the bedroom should be thoroughly treated.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage and Spill Procedures: Store product in its original container in a cool, dry place away from heat or open flame in an area that is inaccessible to children and animals. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

IMPORTANT: READ BEFORE USE

To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this material not in strict accordance with the directions given herewith.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 13, 2012

SENT BY E-MAIL

Ms. Sharon M. Johnston
Agent for Cessco, Inc.
RegGuide
509 Tower Valley Drive
Hillsboro, MO 63050

Subject: Request for Updated Reregistration Label for EPA Reg. No. 6959-33
Product Name: A.C. Southern Spray Tox Insecticide

Dear Ms. Johnston:

The Agency has completed a preliminary review of the label that your company submitted in support of the reregistration of EPA Reg. No. 6959-33, A.C. Southern Spray Tox Insecticide, and has determined that the referenced label did not effectively incorporate all mandatory mitigation language required by the RED(s) for products containing Pyrethrins and Piperonyl butoxide. Please refer to the attached preliminary label review for assistance in updating this label.

Within 10 working days of the date of this letter, you must submit an updated label incorporating all mandatory mitigation language required by the RED(s) for permethrin. If we do not receive an amended label in response to this letter, the Agency may pursue further regulatory action, including cancellation under section 6 of FIFRA.

If you have any questions about this letter, please contact Linda A. DeLuise at (703) 305-5428 or via e-mail at deluise.linda@epa.gov or Mr. Richard J. Gebken at (703) 305-6701 or via e-mail at Gebken.Richard@epa.gov. When submitting the amended label in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely yours,

Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

Enclosure: Copy of review dated August 2, 2011
Copy of product chemistry review dated April 14, 2011
Copy of toxicology review dated April 18, 2011

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CESSCO A.C. SOUTHERN SPRAY-TOX INSECTICIDE

- **SPRAY-TOX** is an effective ready-to-use Pyrethrins Insecticide for application with specialized mechanical, thermal or compressed air fogging equipment that can be adjusted to deliver a true aerosol mist.
- **SPRAY-TOX** is formulated for use in bakeries, food plants, restaurants, hotels, motels, hospitals, schools, office buildings, warehouses, dairies, milk rooms, horse barns, meat packing plants, boats, flour mills, food processing & handling plants, food storage warehouses and other listed sites.

ACTIVE INGREDIENTS:

Pyrethrins..... 0.3%

Piperonyl Butoxide*..... 1.5%

OTHER INGREDIENTS**:..... 98.2%
100.0%

*(butylcarbityl)(6-propylpiperonyl) ether and related compounds.

**Contains petroleum distillate, xylene or xylene range aromatic solvent.

EPA REG. NO. 6959-33

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KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side/Back Panel For Additional Precautions

NET CONTENTS:

MANUFACTURED BY:

CESSCO, INC.
3609-A River Road
Johns Island, SC 29455

1-800-476-3666

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FIRST AID	
If Swallowed:	<ul style="list-style-type: none"> • <u>Immediately</u> call a poison control center or doctor immediately for treatment advice. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If In Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for further treatment advice.
If On Skin Or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. <u>For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-222-1222, twenty-four (24) hours per day, seven (7) days per week.</u>	
NOTE TO PHYSICIAN	
Contains petroleum distillate - vomiting may cause aspiration pneumonia.	

PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals

CAUTION: Contains petroleum distillates. Harmful if swallowed, inhaled or absorbed through skin. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Avoid breathing vapors or spray mist. Avoid contact with clothing, eyes and skin. Remove contaminated clothing and wash clothing before reuse. Contains petroleum distillates. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE):

Mixers, loaders, applicators and other handlers must wear the following:

- Long-sleeve shirt
- Long pants
- Shoes and socks

In addition to the above PPE, applicators using hand held foggers in an enclosed area must wear a half-face, full-face or hood-style NIOSH-approved respirator with:

- A dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C), or
- A canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or
- A cartridge or canister with any R,P or HE filter.

User Safety Requirements:

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with this product. Do not reuse them.

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User Safety Recommendations:

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

[For containers greater than 5 gallons]

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Physical and Chemical Hazards

Store containers upright. Do not use or store near heat or open flame. Avoid exposure to extreme temperatures. Do not apply this product in or on electrical equipment due to the possibility of a shock hazard.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

USE RESTRICTIONS:

- Apply this product only as specified on this label.
- Do not contaminate food or feedstuffs.
- Do not use in aircraft cabins.
- Entry Restrictions:
 - For surface spray, do not enter or allow others to enter until sprays have dried.
 - For space spray, except when applying with an automatic space spray system, do not allow others to enter until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated.
- ~~Except when applying with an automatic space spray system, do not enter or allow others to enter until sprays have dispersed, and the treated area has been thoroughly ventilated.~~ Do not remain in treated area. Exit area immediately and remain outside the treated area until sprays have dispersed.
- ~~Except when applying with an automatic space spray system,~~ do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the treated area during application.
- Remove or cover exposed food (except when applying to post-harvest commodities) and drinking water before application. Remove or cover dishes, utensils, food contact surfaces of food processing equipment and food preparation surfaces or wash them before use.
- For indoor food handling/processing facilities: Do not make space spray applications when facility is in operation. Except when applying to post-harvest commodities, prior to space spray applications, cover or remove food. Prior to space spray applications, cover food processing surfaces or clean after treatment and before use. Do not apply more than 1 time per day.
- **For automatic space spray systems:** Not for use in residential areas. Do not use in nurseries or rooms where infants, ill or aged persons are confined. Except when applying to post harvest commodities, do not place nozzles directly over or within 8 feet of exposed food, dishes, utensils, food contact surfaces of food processing equipment and food handling or preparation surfaces. Do not install within 3 feet of air vents. Carefully follow directions for the dispenser unit when installing the dispenser and replacing cans or when conducting maintenance.

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- For indoor agricultural premises, commercial animal housing and equipment and direct application to non-domestic animals/livestock: Do not apply more than 1 time per day.
- For indoor misting systems used in barns, stables and animal quarters: Not for use in outdoor residential misting systems (indoor or outdoor). Do not apply when food, feed and/or water is present. When using this product, installers and service technicians must comply with the license, certification or registration requirements of the state(s), tribes(s), or local authority(ies) where they are installed. When applying via a remote activation device, do not apply when people and pets are present. If possible, when applying via automatic *timer*, set the timing for application when people and pets are unlikely to be present. Direct nozzles to spray towards the target area and away from areas where people are typically present. Do not use in an evaporative cooling system. Do not use in misters located within 3 feet of air vents, air conditioner units, or windows. If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label to the system reservoir tank in a weather protected area or plastic sleeve. If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve. This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 2.9 oz. per 1000 cu. ft. per day.
- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before applications. Wash teats of animals before milking.
- **For post-harvest applications to vegetables:** Do not reapply within 7 days. Do not apply more than 10 times to sweet potatoes.
- **For food stored in bags:** Direct application to food contact surfaces is prohibited
- Remove pets, birds and cover fish aquariums before spraying.
- **In hospitals, NOT for use in automatic space spray systems.** Remove patients from room prior to treatment. Thoroughly ventilate room for at least 2 hours after application. Do not return patient to room until after ventilation.
- Do not wet articles to point of runoff or drip
- Do not use treated article until spray has dried.
- Dry clean treated clothes before wearing.

This ready-to-use concentrate may be dispersed through mechanical, thermal or compressed air fogging or spraying equipment. If used in food areas of meat, poultry, shell egg grading and egg product plants, this product must be dispersed as an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns).

INDOOR AREAS:

Auditoriums, bakeries, beverage plants, bottling plants, breweries, buildings, buses, cafeterias, canneries, coffee warehouses and processing plants, commercial buildings, communication centers, concession stands, dairies, day care centers*, delicatessens, department stores, diners, drug stores, dumpsters, dwellings, egg processing plants, factories, feed mills, flour mills, food processing and storage facilities, freight containers, fruit packing sheds, funeral parlors, garbage bins, garbage compactors, grain elevators, grain harvesting & handling equipment, garages, grain mills, granaries, grocery stores, homes, horse barns, hospitals*, hotels, indoor eating establishments, industrial installations, institutions, locker rooms, meat packing plants, milk rooms, motels, nursing homes*, office buildings, public buildings, parking garages, peanut warehouses & processing plants, public storage, railroad cars, recreational vehicles, restaurants, retail stores, rice mills, schools*, ship's holds, sports stadiums, stables, storage bins (areas), stored food in multi-walled paper or cloth bags, stores, supermarkets, textile mills & warehouses, theaters, tobacco factories & warehouses, trains, transportation equipment, trucks, trailers, warehouses & wineries.

*Use sites not approved for automatic space spray systems.

TO KILL THE FOLLOWING INSECTS:

Almond Moths, Angoumois Grain Moths, Ants, Black Fly, Boxelder Bugs, Brown Dog Ticks, Cadelles, Carpet Beetles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Cockroaches, Coffee Bean Weevils, Confused Flour Beetles, Crickets, Dark Mealworms, Darkling Beetles, Dermestid Beetles, Dried Fruit Beetle, Drugstore Beetles, Earwigs, Face Fly, Firebrats, Flat Grain Beetles, Fleas, Flies, Fruit Flies, Gnats, Grain Mites, Granary Weevils, Horn Flies, Hornets, Indian Meal Moths, Khapra Beetles, Lesser Grain Borers, Lesser Housefly, Mediterranean Flour Moths, Merchant Grain Beetle, Midges, Miller Moths, Millipedes, Mosquitoes, Flying Moths, Palmetto Bugs, Pillbugs, Red Flour Beetles, Rice Flour Beetles, Rusty Grain Beetles, Saw-Toothed Grain Beetle, Silverfish, Skipper Fly, Spiders, Spider Beetles, Stable Flies, Sowbugs, Ticks, Ticks That May Carry and Transmit Lyme disease, Tobacco Moths, Warehouse Beetles, Wasps, Waterbugs, Yellow Jackets, Yellow Mealworms.

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AUTOMATIC SPACE SPRAY SYSTEMS: Use in automatic space spray systems to kill exposed accessible stages of: Flies (including Fruit Flies), Mosquitoes, Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Clover Mites, Cheese Mites, Cheese Skippers, Boxelder Bugs, Earwigs, Ants and the following common stored product pests: Granary Weevils, Rice Weevils, Confused Flour Beetles, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Mealworms, Dark Mealworms, Grain Mites, Cadelles and Red Flour Beetles. Close room and shut off all air conditioning or ventilating equipment. Set system to apply undiluted concentrate at a rate of 0.75 to 1.5 fluid ounce / 1000 cu. ft. of space. Close off and vacate treated areas for at least 30 minutes and thoroughly ventilate before reoccupying.

SPACE TREATMENT: For use in aerosol generators to kill *House Flies, Stable Flies, Blow Flies, Fruit Flies, Mosquitoes, Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Boxelder Bugs, Bran Bugs, Earwigs, Ants, Ham & Cheese Mites, Cheese Skippers, Clover Mites, Flour Beetles, Foreign Grain Beetles, Granary Weevils, Rice Weevils, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Chocolate Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Mealworms, Dark Mealworms, Grain Mites & Cadelles.* Close all doors and windows and shut off ventilating systems. Apply as a fog or fine mist at a rate of 0.75 - 1.5 ounce per 1000 cubic feet of space. Direct spray towards ceiling in all directions and behind obstructions. Close off and vacate treated areas for at least 30 minutes and thoroughly ventilate before reoccupying.

CONTACT SPRAY: TO KILL Cockroaches, Silverfish, Earwigs, Ants, Spiders, use a mechanical aerosol generator or a fogger. Apply as a spot & crack & crevice treatment at 0.75 gallon / 1000 sq. ft. of surface area. Direct the spray into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harborage areas, walls, floors, underneath sinks, behind pipes and in all places that harbor insects to provide maximum penetration and impingement on the insects. Contact as many insects as possible.

CONTACT AND SPACE SPRAY: TO KILL Cockroaches, Silverfish, Earwigs, Ants, Spiders, use a mechanical aerosol generator or a fogger. First, apply as a spot & crack & crevice treatment at 0.75 gallon / 1000 sq. ft. of surface area. Direct the spray into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harborage areas, walls, floors, underneath sinks, behind pipes and in all places that harbor insects to provide maximum penetration and impingement on the insects. Contact as many insects as possible. Then treat as a space spray. Apply at a rate of 0.75 to 1.5 fluid ounce / 1000 cu. ft. of space. Close off and vacate treated areas for at least 30 minutes and thoroughly ventilate before reoccupying. Do not apply more than 1 time per day.

APPLICATIONS IN FOOD HANDLING ESTABLISHMENTS:

Auditoriums, bakeries, beverage plants, bottling plants, breweries, buildings, cafeterias, canneries, coffee warehouses and processing plants, concession stands, dairies, day care centers*, delicatessens, department stores, diners, dumpsters, egg processing plants, factories, feed mills, flour mills, food processing and storage facilities, freight containers, fruit packing sheds, grain elevators, grain harvesting & handling equipment, garages, grain mills, granaries, grocery stores, horse barns, hospitals*, hotels, indoor eating establishments, locker rooms, meat packing plants, milk rooms, motels, nursing homes*, office buildings, public buildings, peanut warehouses & processing plants, restaurants, retail stores, rice mills, schools*, ship's holds, sports stadiums, stables, storage bins (areas), stored food in multi-walled paper or cloth bags, supermarkets, theaters, tobacco factories & warehouses, trains, warehouses & wineries.

FOOD HANDLING ESTABLISHMENTS: A food handling establishment is an area or place other than a private residence in which food is held, processed, prepared, and/or served. Non-food areas of food handling establishments include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling). Food areas of food handling establishments include areas for receiving, serving, storage (dry, cold, frozen, raw), packaging (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage, enclosed processing systems (mills, dairies, edible oils, syrups).

*Use sites not approved for automatic space spray systems.

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Treatment of Food Stored in Bags: To kill accessible adult stages of **Angoumois Grain Moths, Cadelles, Cheese Mites, Chocolate Moths, Cigarette Beetles, Cockroaches, Four Beetles, Flies, Fruit Flies, Gnats, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Saw-Toothed Grain Beetles, Silverfish, Foreign Grain Beetles,** and other listed pests, apply as a space spray at a rate of 1.5 ounce / 1000 cu. ft. of space. Fumigate or destroy infested stored products or treat by other effective methods using an approved product intended for this purpose. Direct application to food contact surfaces is prohibited.

Application to Bulk Post-Harvest Vegetables (Potato, Tomato, Pea, Sweet Potato). **Fruits** (Apple, Blackberry, Blueberry, Boysenberry, Cherry, Crabapple, Currant, Dewberry, Fig, Gooseberry, Grape, Guava, Loganberry, Mango, Muskmelon, Orange, Peach, Pear, Pineapple, Plum, Raspberry), **Nuts** (Almonds, Walnuts) and other **Commodities** (Copra and Peanut): To kill accessible stages of **Angoumois Grain Moths, Cadelles, Cheese Mites, Chocolate Moths, Cigarette Beetles, Cockroaches, Flour Beetles, Flies, Fruit Flies, Gnats, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Saw-Toothed Grain Beetles, Silverfish, Foreign Grain Beetles** and other listed insects. Apply as a surface application at a rate of 15.0 ounces / 1000 sq. ft. Also spray walls, floors and other surfaces, storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Or apply as a space spray at a rate of 1.5 ounce / 1000 cu. ft. of space by directing the spray toward the ceiling and upper corners of the area and behind any obstructions. Do not reapply within 7 days. Do not apply more than 10 times to sweet potatoes. Do not apply both surface and space sprays within the same 7-day period.

FOR CLOTHES MOTHS AND CARPET BEETLES: Clean and spray closets thoroughly to reach all hiding places. Clean and brush woolen articles. Repeat application every 30 days. When carpets are infested, spray both sides thoroughly. When spraying near fabrics, keep spray in constant motion, at least 36 inches away from fabrics. Spraying closer may cause stains.

FOR BED BUGS: Spray baseboards, moldings and floor boards. Spray mattresses and box springs. It will be necessary to dismantle the bed completely, thoroughly spraying each part, including mattress and box springs. All baseboards and wall cracks about the bedroom should be thoroughly treated. ~~Repeated applications and direct contact of the pest with spray are necessary for control.~~

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage and Spill Procedures: Store product in its original container in a cool, dry place away from heat or open flame in an area that is inaccessible to children and animals. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

IMPORTANT: READ BEFORE USE

To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this material not in strict accordance with the directions given herewith.

